

05000 - METALS

DESIGN

- A. All structural elements and connections falling under this section shall be designed and calculations performed under the supervision of a PE licensed in the Commonwealth of Virginia; and, all structural steel drawings and calculations shall be signed and sealed by the PE.
- B. Structural steel designs and drawings shall conform to all requirements of the FCSIM.
- C. Project specifications shall specifically require the Contractor to comply with all requirements of the FCSIM where applicable. Any requirements of the FCSIM which are not specifically identified as a requirement of the Contractor shall be considered to be a requirement of the Architect and the Structural Engineering Consultant.
- D. All welders must be certified by American Welding Society (AWS). Contractor must submit copies of certifications for all welders before the welders will be permitted to work on the project.
- E. Where practicable, steel connections are to be designed in such a manner as to avoid being classified as a critical structure; i.e., bolted connections are to be constructed as turn of the nut. Moment/rigid connections are to be avoided.
- F. Contractor must touch up paint and/or primer after erection of steel or other metals.